

19



Europäisches Patentamt
European Patent Office
Office européen des brevets

11 Publication number:

0 329 098
A3

12

EUROPEAN PATENT APPLICATION

21 Application number: **89102572.8**

51 Int. Cl.⁵: **C08L 5/08 , A61K 6/08**

22 Date of filing: **15.02.89**

30 Priority: **16.02.88 JP 34673/88**

43 Date of publication of application:
23.08.89 Bulletin 89/34

84 Designated Contracting States:
DE FR GB IT

68 Date of deferred publication of the search report:
09.05.90 Bulletin 90/19

71 Applicant: **SUMITOMO CHEMICAL COMPANY,
LIMITED**
Kitahama 4-chome 5-33
Chuo-ku Osaka 541(JP)

72 Inventor: **Ito, Michio**
9-12, Daimon Izumi-cho
Shiojiri-shi Nagano-ken(JP)

74 Representative: **Vossius & Partner**
Siebertstrasse 4 P.O. Box 86 07 67
D-8000 München 86(DE)

54 **Hardenable composition.**

57 A chitosan-containing hardenable composition prepared by combining an acidic aqueous chitosan solution with hydroxyapatite and zinc oxide and/or magnesium oxide, which is useful, in particular, as a filling or cushioning material in dental and orthopedic fields.

EP 0 329 098 A3



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	CHEMICAL ABSTRACTS, vol. 86, no. 24, 13th June 1977, Page 297, abstract no. 176032b.; S. NAKANO et al.: "Hydraulic inorganic material with high mechanical strenght", & JP-A-52 022 026 (Cat. D.) * Abstract * ---	1	C 08 L 5/08 A 61 K 6/08
A	US-A-4 542 167 (H. AOKI) * Claims; column 2, lines 50-65 * ---		
A	US-A-4 668 295 (P.K. BAJPAI) * Abstract * ---		
P,X	EP-A-0 298 501 (ASAHI KOGAKO KOGYO KABUSHIKI KAISHA) * Claims * -----	1-14	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			C 08 L A 61 K C 08 B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 31-01-1990	Examiner SOMERVILLE F.M.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			